

Workshop Agenda – 33% RPS Implementation Analysis



August 26, 2008

Milton Marks Conference Center, San Diego Rooms A/B/C

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Purpose of the Workshop:

The purpose of this workshop is to develop the workplan for the 33% by 2020 Renewables Portfolio Standard (RPS) staff analysis. Specifically, the workshop will discuss the scope and methodology for evaluating the implementation challenges and cost of the 33% by 2020 RPS goal. The workshop will also develop a stakeholder process and provide a schedule for the 33% RPS staff analysis.

Background:

In Decision (D.) 05-07-039 the Commission stated its intent to integrate long-term planning for renewable resources into the LTPP proceeding. D.05-07-039 states: "We will address the long-term plans filed in this proceeding in a subsequent decision. After that decision, we intend to return long-term RPS planning to the long term procurement planning component of R.04-04-003 or its successor, as contemplated by § 399.14(a)."¹ D.05-10-014 reiterates this by stating: "We now direct the utilities, as contemplated by § 399.14(a), to continue their long-term RPS planning by including robust RPS segments in their long term procurement plans, to be filed in R.04-04-003 or its successor proceedings."²

In D.07-12-052, the Commission directed the parties and the IOUs to work with ED staff to refine a methodology for evaluating a 33% RPS by 2020 scenario within the context of long term procurement planning: "We direct parties to work with ED staff to refine a methodology for resource planning and analysis that will allow them to adequately address the issue of a 33% renewables target by 2020 in subsequent LTPPs. ... We expect these sections to be much more robust in subsequent LTPPs and expect that parties will work to make RETI [Renewable Energy Transmission Initiative] useful in this regard."³

Pursuant to D.07-12-052, ED staff is developing a methodology within the 2008 LTPP proceeding (R.08-02-007) to assess the implementation challenges and cost of a 33% RPS by 2020 scenario. The analysis will produce the following deliverables:

- Plausible resource build-outs⁴ needed to achieve 33% RPS
- Transmission and renewable integration assessment
- Implementation and barrier analysis
- Estimate of cost and rate impact

This methodology and associated deliverables will also inform the IOU 2010 LTPPs.

¹ D.05-07-039, page 29

² D.05-07-039, page 22

³ D. 07-12-052, page 256

⁴ Resource build-outs will include storage, fossil, and other non-renewable in addition to the quantity and type of renewables needed to reach 33% by 2020.

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I. Housekeeping

9:30 - 10:00 AM

- Introductions
- Workshop guidelines
- Workshop objectives, scope, and deliverables
- Review agenda

II. Objectives and Scope of 33% RPS Analysis

10:00 - 10:30 AM

- Overview:
 - Inform development of the IOU 2010 LTPPs and provide a tool to evaluate the 33% RPS scenario in the IOU 2010 LTPPs.
 - Identify magnitude of needed renewable resources, including other resources needed to integrate renewable resources -- such as flexible fossil generation, storage, and demand response.
 - Provide estimates of cost and rate impact.
 - Identify RPS project implementation barriers and solutions
 - Provide resource build-out scenarios to inform other analyses, such as CAISO 33% integration study, CARB's AB32 Scoping Plan, and the CEC 2009 IEPR
 - Assess how longer-run policy issues, beyond 2020, will impact the 33% RPS analysis.
- Discuss objectives and scope
- 33% RPS interagency coordination - CPUC, CEC, CAISO, and CARB

III. Interaction between 2008/2010 LTPP and 33% RPS Analysis

10:30 - 11:00 AM

- Staff presentation

Break

11:00 - 11:15 AM

IV. Methodology for 33% RPS resource build-outs

11:15 - 11:45 PM

- E3 will present part 1 as described in the data request

V. Methodology for implementation and barrier analysis

11:45 - 12:15 PM

- Aspen will present part 2 as described in the data request

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VI. Transmission Costs and Renewable Integration Analysis **12:15 - 12:45 PM**

- CAISO presentation

Lunch **12:45 - 1:45 PM**

VII. Discussion **1:45 – 2:30 PM**

VIII. Beyond 2020 Policy Issues **2:30 – 3:15 PM**

- Discuss scope of “beyond 2020” policy issues
- Interaction between CEC’s 2009 IEPR and LTPP’s “beyond 2020” policy issues?

Break **3:15 - 3:30 PM**

IX. Stakeholder Process and Schedule **3:30 – 4:15 PM**

- Lessons learned from RETI, GHG proceeding, and other stakeholder processes
- Stakeholder process
 - Role of working groups already established within LTPP (Scenarios and Metrics, Assumptions and Data)
 - Role of 33% working group
 - Additional staff workshops on 33%

- Schedule and deliverables

Part 1: September 2008 – February 2009

- Initial resource build-outs – Q4 2008
- Costs/rate impacts – Q4 2008
- Final resource build-outs – Q1 2009

Part 2: September 2008 – Q4 2009

- Project-level barrier analysis – Q2 2009
- Updated costs/rate impacts – Q4 2009

X. Next Steps **4:15 – 4:30 PM**

- Areas of consensus
- Unresolved issues
- Development of draft 33% RPS work plan